

A photograph of a child wearing a red hoodie and blue jeans, jumping into a puddle. The child's hands are outstretched, and water is splashing around their feet. The background shows green grass and a dirt path.

MULCAHEY ELEMENTARY

TAUNTON, MA

City Council
May 08, 2018



design development agenda

overview of dd process
cost update
site plan
interior design
exterior imagery
next steps



Submission of SD	Dec. 22, 2017
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MSBA Board Meeting	Feb. 14, 2018
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MSBA Project Scope & Budget Agreement	March 7, 2018
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Meetings User Group Meetings, DPW, Public Safety, and SBC	ongoing
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Cost Estimate & Reconciliation	April 18, 2018
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<u>SBC Approval for Submission</u>	<u>April 24, 2018</u>
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School Committee	May 02, 2018
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City Council	May 08, 2018
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MSBA Submittal	May 08, 2018
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Board Approved Maximum Total Facilities Grant of \$40,454,641
(not including owner or construction contingency expenditures)

Construction Cost Estimate	\$50,016,987
Total Project Budget	\$64,971,831

COST ESTIMATE COMPARISON SPREADSHEET

Mulcahey Elementary School- NEW CONSTRUCTION														
Estimated Construction Start Date: January 2019			December-17			April-18			XXXX			XXXX		
Division #		Description	Project Scope & Budget			Design Development			60% CD			100% CD		
			GSF	Total Cost	Unit Cost	GSF	Total Cost	Unit Cost	GSF	Total Cost	Unit Cost	GSF	Total Cost	Unit Cost
A		Substructure	119,693	\$2,921,419	\$24.41	119,693	\$2,834,401	\$23.68			#DIV/0!			#DIV/0!
B		Shell	119,693	\$11,408,072	\$95.31	119,693	\$11,932,256	\$99.69	0	\$0	#DIV/0!	0	0	#DIV/0!
	B10	Superstructure	119,693	\$4,079,941	\$34.09	119,693	\$4,214,539	\$35.21	0		#DIV/0!	0		#DIV/0!
	B20	Exterior Enclosure	119,693	\$5,202,951	\$43.47	119,693	\$6,274,978	\$52.43	0	\$0	#DIV/0!	0	0	#DIV/0!
		B2010 Exterior Walls	119,693	\$4,205,767	\$35.14	119,693	\$5,074,681	\$42.40	0		#DIV/0!	0		#DIV/0!
		B2020 Exterior Windows	119,693	\$855,183	\$7.14	119,693	\$1,072,457	\$8.96	0		#DIV/0!	0		#DIV/0!
		B2030 Exterior Doors	119,693	\$142,001	\$1.19	119,693	\$127,840	\$1.07	0		#DIV/0!	0		#DIV/0!
	B30	Roofing	119,693	\$2,125,180	\$17.76	119,693	\$1,442,739	\$12.05	0		#DIV/0!	0		#DIV/0!
C		Interiors	119,693	\$7,638,951	\$63.82	119,693	\$7,881,868	\$65.85	0		#DIV/0!	0		#DIV/0!
D		Services	119,693	\$10,221,850	\$85.40	119,693	\$10,620,602	\$88.73	0	\$0	#DIV/0!	0	0	#DIV/0!
	D10	Conveying	119,693	\$153,000	\$1.28	119,693	\$153,000	\$1.28	0		#DIV/0!	0		#DIV/0!
	D20	Plumbing	119,693	\$1,611,050	\$13.46	119,693	\$1,615,240	\$13.49	0		#DIV/0!	0		#DIV/0!
	D30	HVAC	119,693	\$4,184,439	\$34.96	119,693	\$4,394,127	\$36.71	0		#DIV/0!	0		#DIV/0!
	D40	Fire Protection	119,693	\$614,340	\$5.13	119,693	\$595,862	\$4.98	0		#DIV/0!	0		#DIV/0!
	D50	Electrical	119,693	\$3,659,021	\$30.57	119,693	\$3,862,373	\$32.27	0		#DIV/0!	0		#DIV/0!
E		Furnishings & Fixed Equipment	119,693	\$1,937,350	\$16.19	119,693	\$2,230,872	\$18.64	0		#DIV/0!	0		#DIV/0!
		Building Subtotal	119,693	\$34,127,642	\$285	119,693	\$35,499,999	\$297	0	\$0	#DIV/0!	0	0	#DIV/0!
F		Special Construction & Demo	119,693	\$1,331,060	\$11.12	119,693	\$1,236,810	\$10.33	0		#DIV/0!	0		#DIV/0!
G		Other Site Construction	119,693	\$4,232,839	\$35.36	119,693	\$4,443,049	\$37.12	0	\$0	#DIV/0!	0	0	#DIV/0!
	G10	Site Preparation	119,693	\$485,848	\$4.06	119,693	\$439,815	\$3.67	0		#DIV/0!	0		#DIV/0!
	G20	Site Improvements	119,693	\$1,534,926	\$12.82	119,693	\$1,896,284	\$15.84	0		#DIV/0!	0		#DIV/0!
	G30	Mechanical Utilities	119,693	\$1,798,915	\$15.03	119,693	\$1,654,850	\$13.83	0		#DIV/0!	0		#DIV/0!
	G40	Electrical Utilities	119,693	\$413,150	\$3.45	119,693	\$452,100	\$3.78	0		#DIV/0!	0		#DIV/0!
		Subtotal	119,693	\$39,691,541	\$332	119,693	\$41,179,858	\$344	0	\$0	#DIV/0!	0	0	#DIV/0!
Z		Mark-Ups	119,693	\$8,993,460	22.7%	119,693	\$8,013,532	19.5%	0	#REF!	#REF!	0	#REF!	#REF!
Z		Insurance	119,693	\$564,860	1.4%	119,693	\$601,069	1.5%	0	#REF!	#REF!	0	#REF!	#REF!
Z		Subcontractor Bonds	119,693		0.0%	119,693	\$0	0.0%	0	#REF!	#REF!	0	#REF!	#REF!
Z		GC Bonds	119,693	\$564,860	6.3%	119,693	\$556,546	6.9%	0	#REF!	#REF!	0	#REF!	#REF!
Z		Design & Pricing Contingency	119,693	\$4,108,075	10.4%	119,693	\$2,520,207	6.1%	0	#REF!	#REF!	0	#REF!	#REF!
Z		General Conditions	119,693	\$2,400,000	6.0%	119,693	\$3,000,000	7.3%	0	#REF!	#REF!	0	#REF!	#REF!
Z		Overhead & Profit	119,693	\$1,355,665	3.4%	119,693	\$1,335,710	3.2%	0	#REF!	#REF!	0	#REF!	#REF!
		Construction Subtotal	119,693	\$48,685,001	\$407	119,693	\$49,193,390	\$411	0	#REF!	#REF!	0	#REF!	#REF!
Z		Escalation to Construction Mid-Point	119,693	\$1,389,204	3.5%	119,693	\$823,597	2.0%	0	#REF!	#REF!	0	#REF!	#REF!
Total Construction Cost			119,693	\$50,074,205		119,693	\$50,016,987		0	#REF!		0	#REF!	
\$/GSF				\$418			\$418			#REF!			#REF!	



design development agenda

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design development agenda

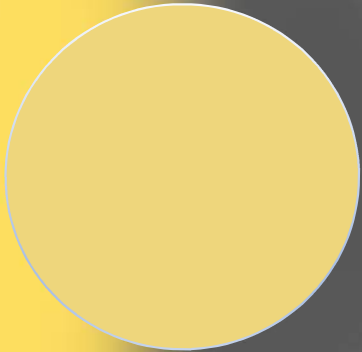
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color theory

The new school will represent the merging of the existing schools to create something new that embraces the past and celebrates the future

color theory

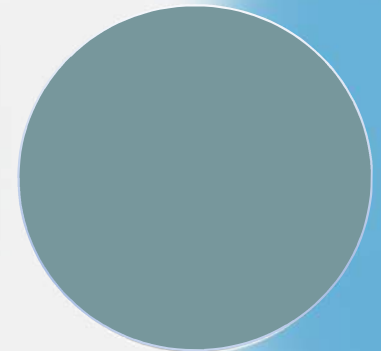
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MULCAHEY



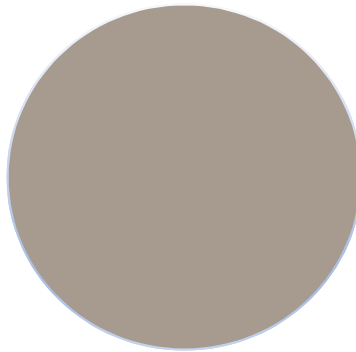
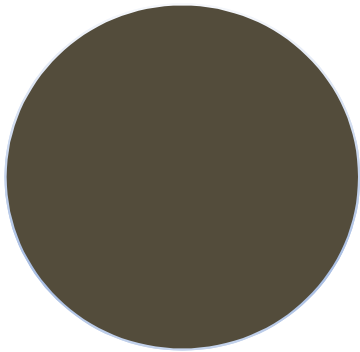
NEW MULCAHEY



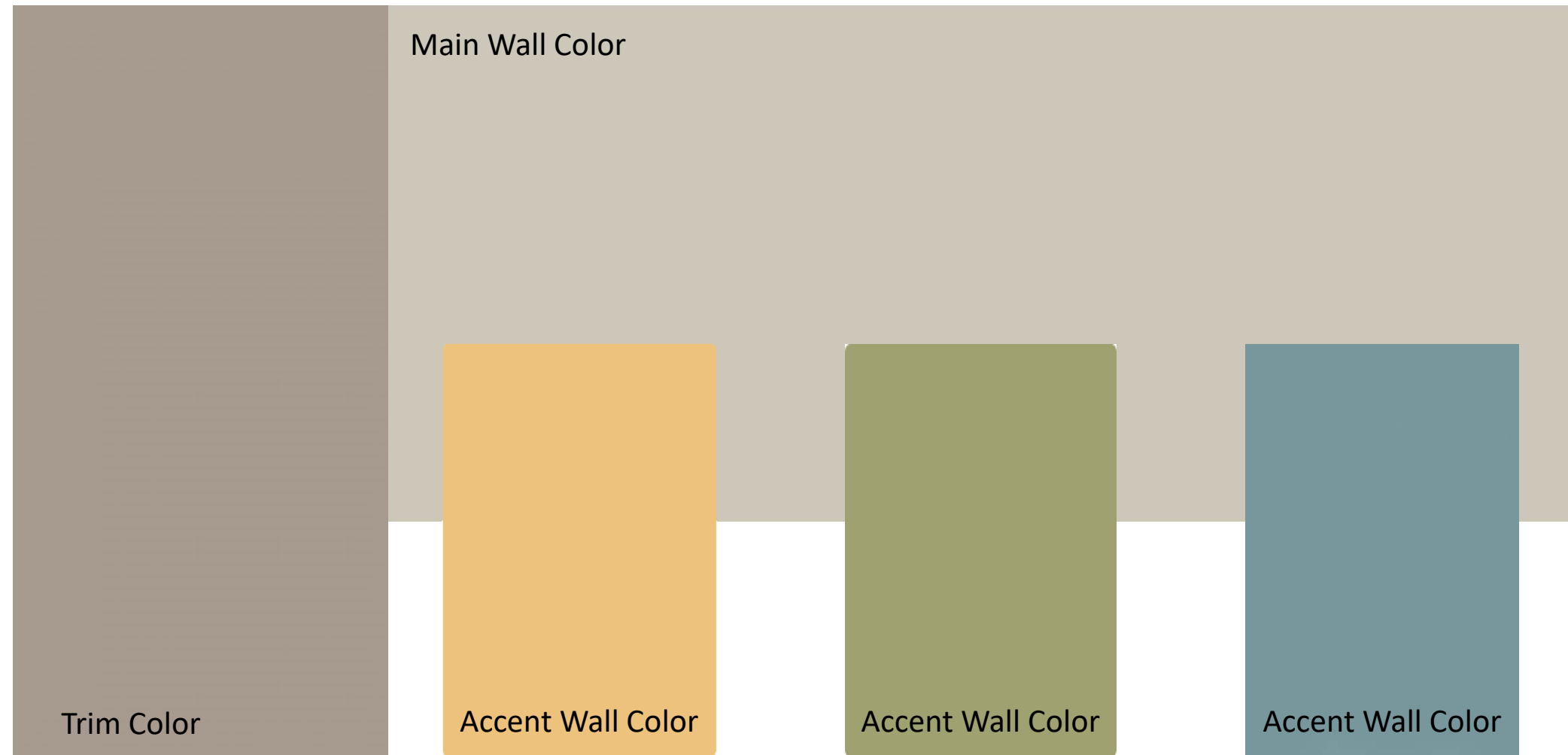
HOPEWELL

color theory

The new school will represent the merging of the existing schools to create something new that embraces the past and celebrates the future



Color Palette: Embracing The Past



SENSORY
BAND



WALL TILES



EPOXY
FLOORING



BLOCK
FINISH



ACCENT
PAINT
COLORS



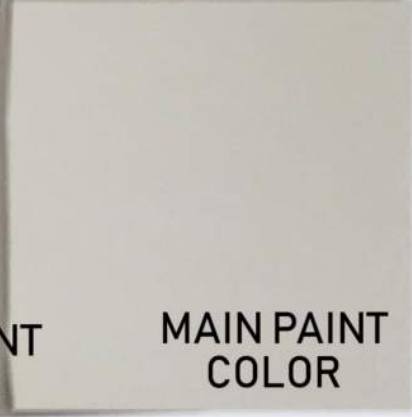
SECONDARY
PAINT COLOR



TRIM PAINT
COLOR



MAIN PAINT
COLOR



STAIR TREAD



WOOD
FINISH



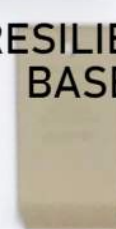
TACK SURFACE



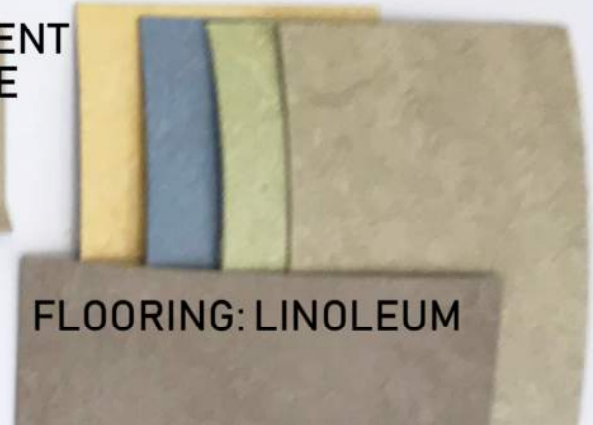
RUBBER
FLOORING



RESILIENT
BASE



FLOORING: LINOLEUM

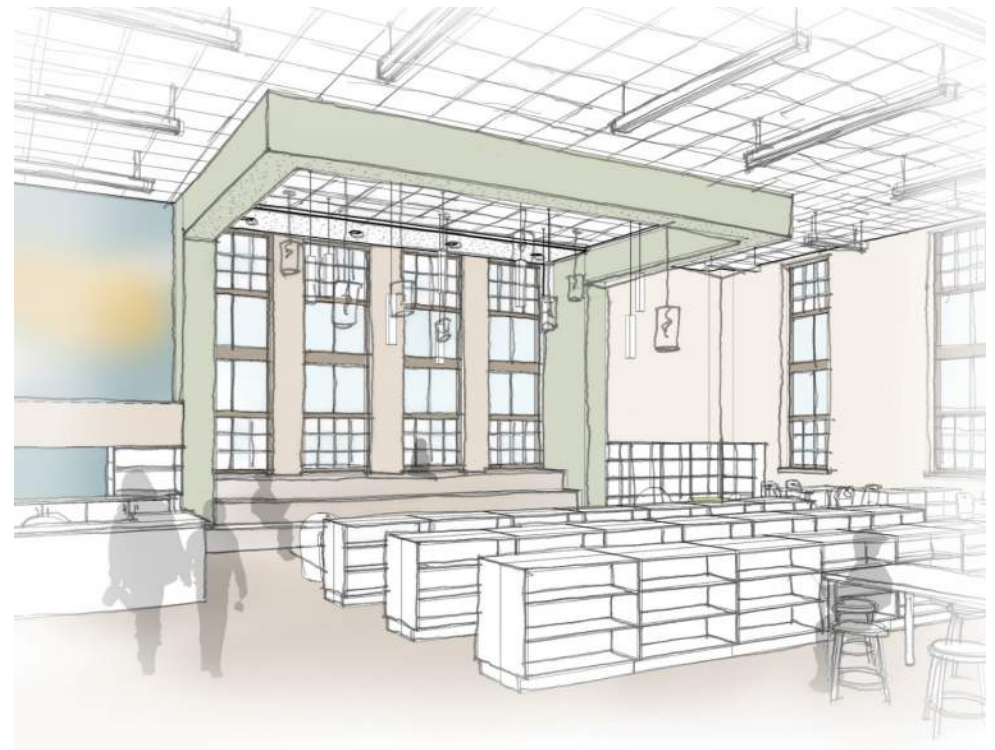


interior



VIEW OF MAIN ENTRANCE LOBBY

interior



MEDIA CENTER

interior



TYPICAL CLASSROOM CORRIDOR

exterior image









exterior image



exterior image



Estimated Project Schedule Through Completion

- **Module 5** - Funding the Project: 02/15/17 – 03/15/18 (1 mo.)

- **Module 6** - Detailed Design 01/12/18 – 05/08/18 (4 mo.)
Construction Documents 05/09/18 – 10/31/18 (6 mo.)
Contractor Bid & Award 11/07/18 – 01/15/19 (2 mo.)

- **Module 7** - Construction (Phased)
 - New Building Completion/FF&E/Technology: 02/04/19 – 07/31/20 (18 mo.)
 - Admin. Moves Into New School: 08/03/20 – 08/28/20 (1 mo.)
 - **Opening of New School** **September 2020**
 - Abatement/Demolition/Site Work: 08/03/20 – 11/30/20 (4 mo.)
 - Complete Site Work/Project Closeout: 03/01/21 – 06/30/21 (4 mo.)

- **Module 8** - Completing the Project (Final Audit): 06/29/20 – 06/30/21 (12 mo.)



exterior image

